

## Exhibit A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b>	Siegel <i>et al.</i>	<b>Confirmation No.:</b>	1793
<b>Serial No.:</b>	10/781,460	<b>Group Art Unit:</b>	1794
<b>Filed:</b>	February 17, 2004	<b>Examiner:</b>	Hoa T. Le
<b>Title:</b>	FLASH CVD PROCESS FOR SYNTHESIS OF CARBON NANOTREES		

AFFIDAVIT UNDER 37 C.F.R. §1.132

To: Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Richard W. Siegel, being duly sworn deposes and says:

1. I am a citizen of the United States of America and a resident of Menands, New York.
2. I am presently a professor at Rensselaer Polytechnic Institute and director of its NSF Nanotechnology Center.
3. The article, Growth of Carbon Micro-trees, cited by Examiner Le describes my own work, and the work of John M. Nugent and Pulickel M. Ajayan, which is the subject matter of U.S. Patent Application No. 10/781,460. John M. Nugent, Pulickel M. Ajayan, and myself are the sole inventors. B. Wei and Ph. Kohler-Redlick of the Max-Planck-Institute for Metal Research were listed as co-authors of the article but they were merely working under our guidance. Specifically, B. Wei and Ph. Kohler-Redlick took high-resolution transmission electron microscopy images of the microtrees of the present invention at our request.

4. I have reviewed carefully the Office Action for the above-referenced non-provisional application dated March 25, 2008. I have also reviewed the application and the references cited in the rejections of the pending claims, particularly.

5. I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under 18 U.S.C. § 1001 and that willful false statements may jeopardize the validity of this application and any patent issuing therefrom.

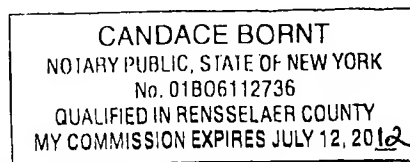


Affiant

Subscribed and sworn to before  
me this 21 day of July 2008



Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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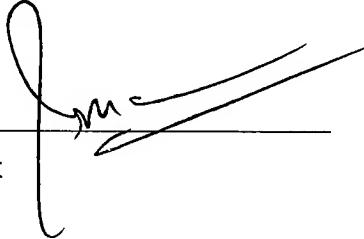
Dear Sir:

Pulickel M. Ajayan, being duly sworn deposes and says:

1. I am a citizen of the United States of America and a resident of Houston, Texas.
2. I am presently a professor at Rice University.
3. The article, Growth of Carbon Micro-trees, cited by Examiner Le describes my own work, and the work of John M. Nugent and Richard W. Siegel, which is the subject matter of U.S. Patent Application No. 10/781,460. John M. Nugent, Richard W. Siegel, and myself are the sole inventors. B. Wei and Ph. Kohler-Redlick of the Max-Planck-Institute for Metal Research were listed as co-authors of the article but they were merely working under our guidance. Specifically, B. Wei and Ph. Kohler-Redlick took high-resolution transmission electron microscopy images of the microtrees of the present invention at our request.

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5. I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under 18 U.S.C. § 1001 and that willful false statements may jeopardize the validity of this application and any patent issuing therefrom.

  
\_\_\_\_\_  
Affiant

Subscribed and sworn to before  
me this 25<sup>th</sup> day of July 2008

Leah Claudette Benard-Boggs  
Notary Public

